

Title: IMAGE FORMING APPARATUS AND  
METHOD OF CONTROLLING A HEATING  
UNIT

Inventor(s): Hirotaka MATSUMOTO  
Appl. No.: 10/787,377

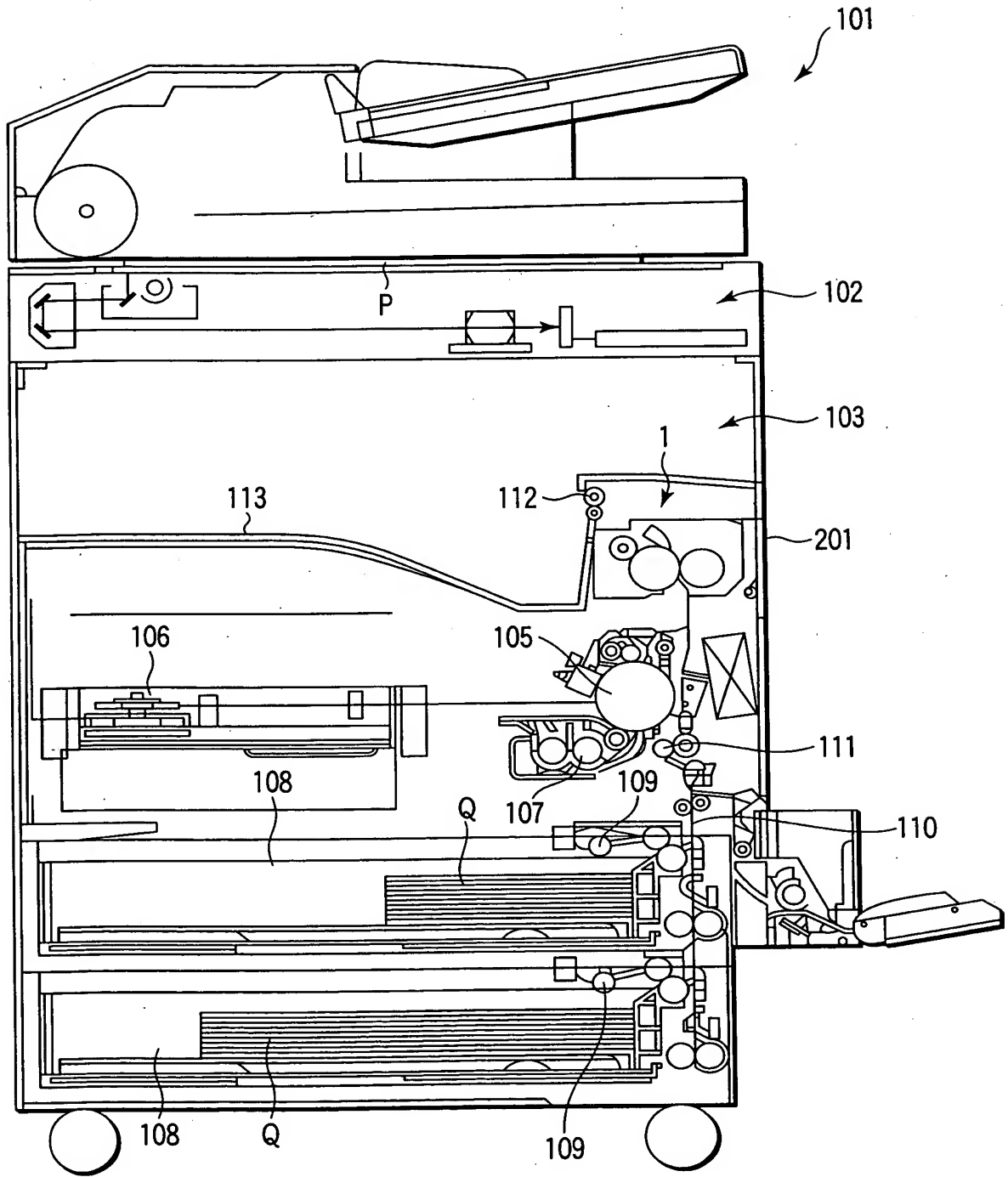


FIG. 1

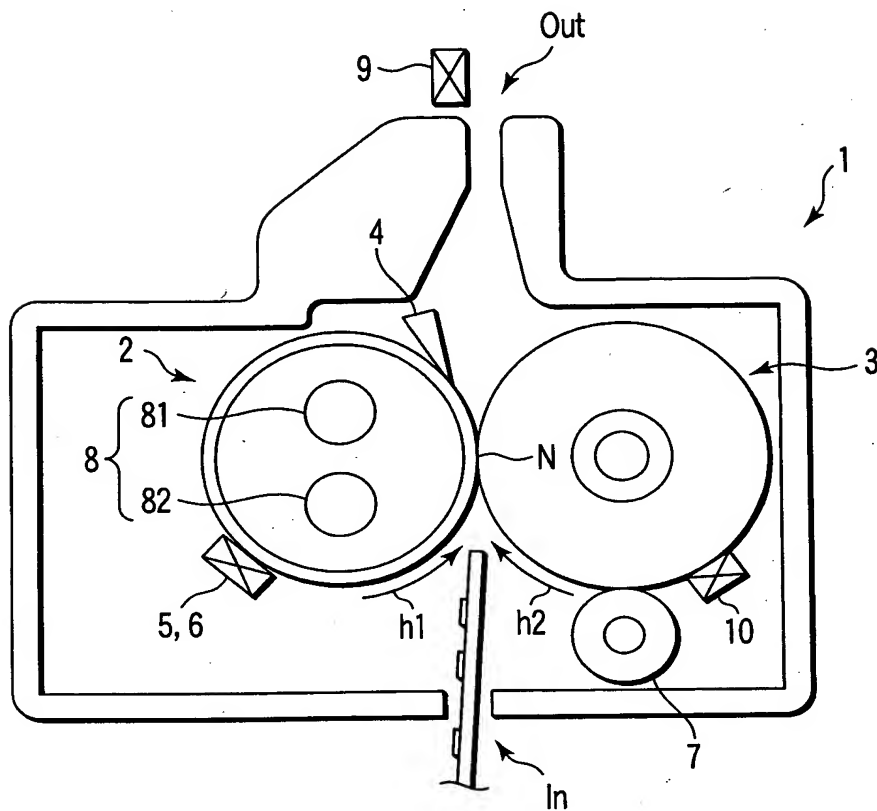


FIG. 2

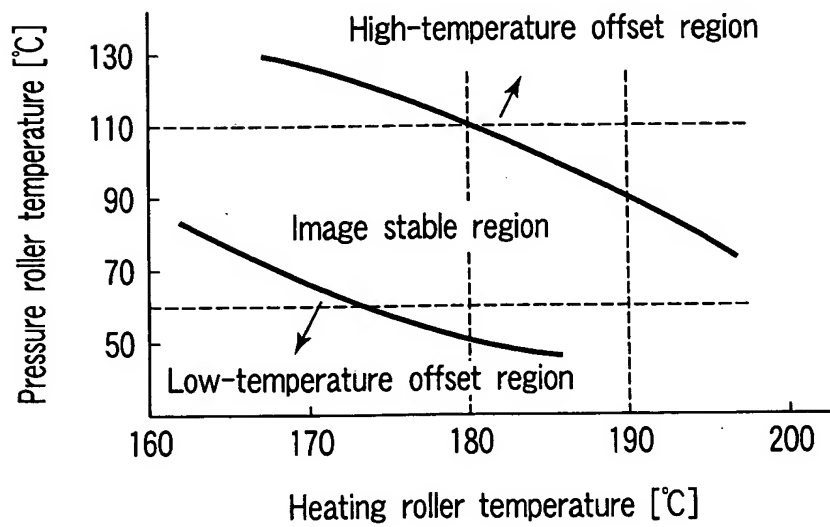


FIG. 6

Title: IMAGE FORMING APPARATUS AND  
METHOD OF CONTROLLING A HEATING  
UNIT

Inventor(s): Hirotaka MATSUMOTO  
Appl. No.: 10/787,377

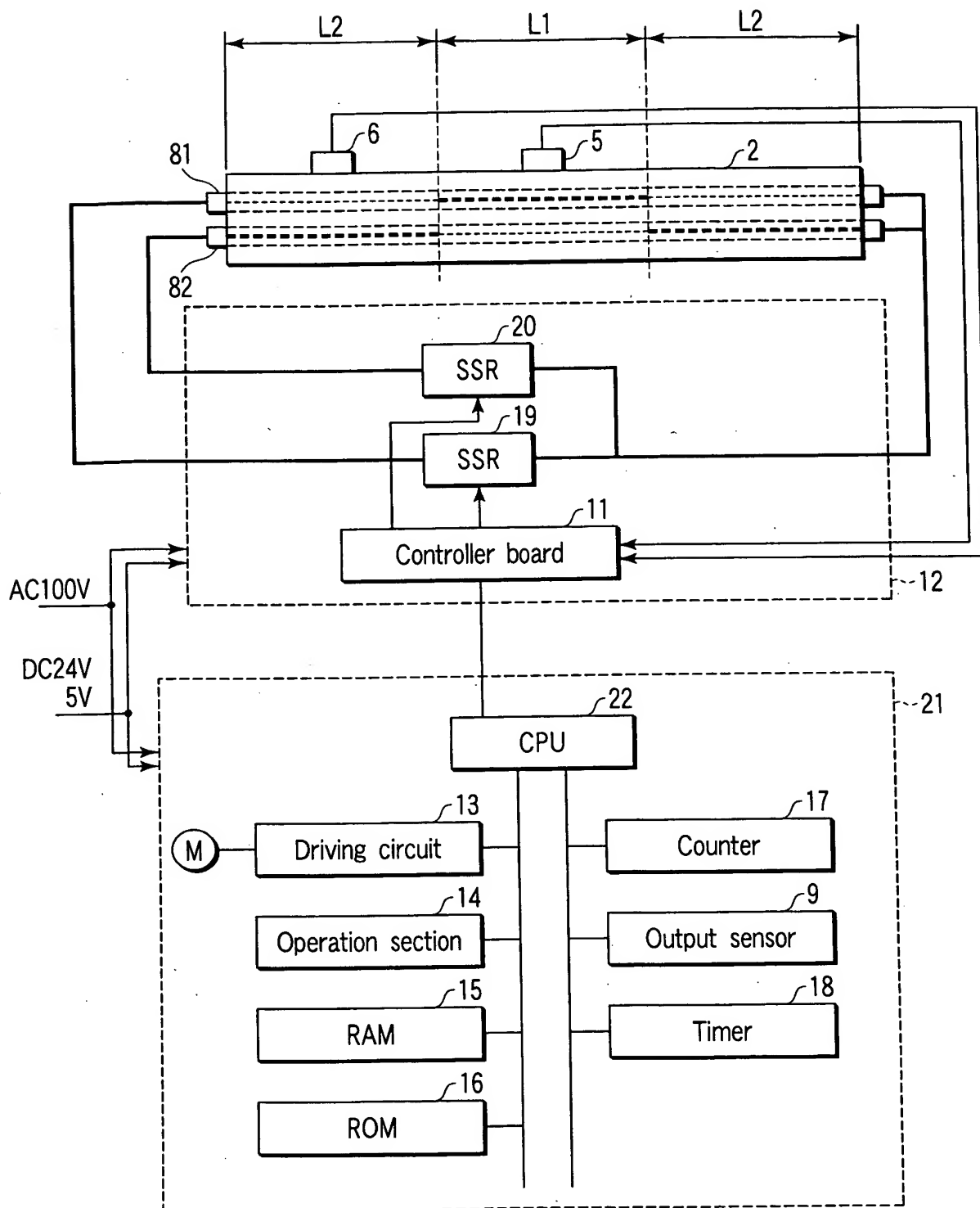


FIG. 3

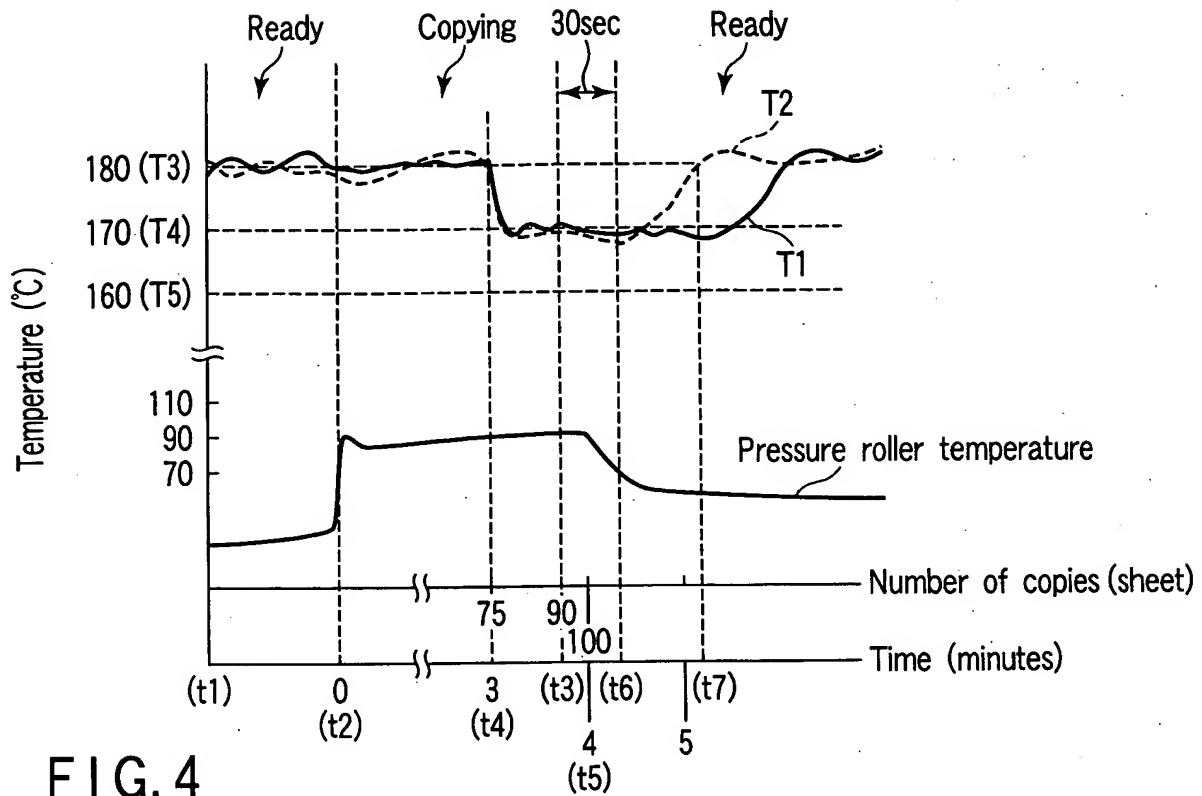


FIG. 4

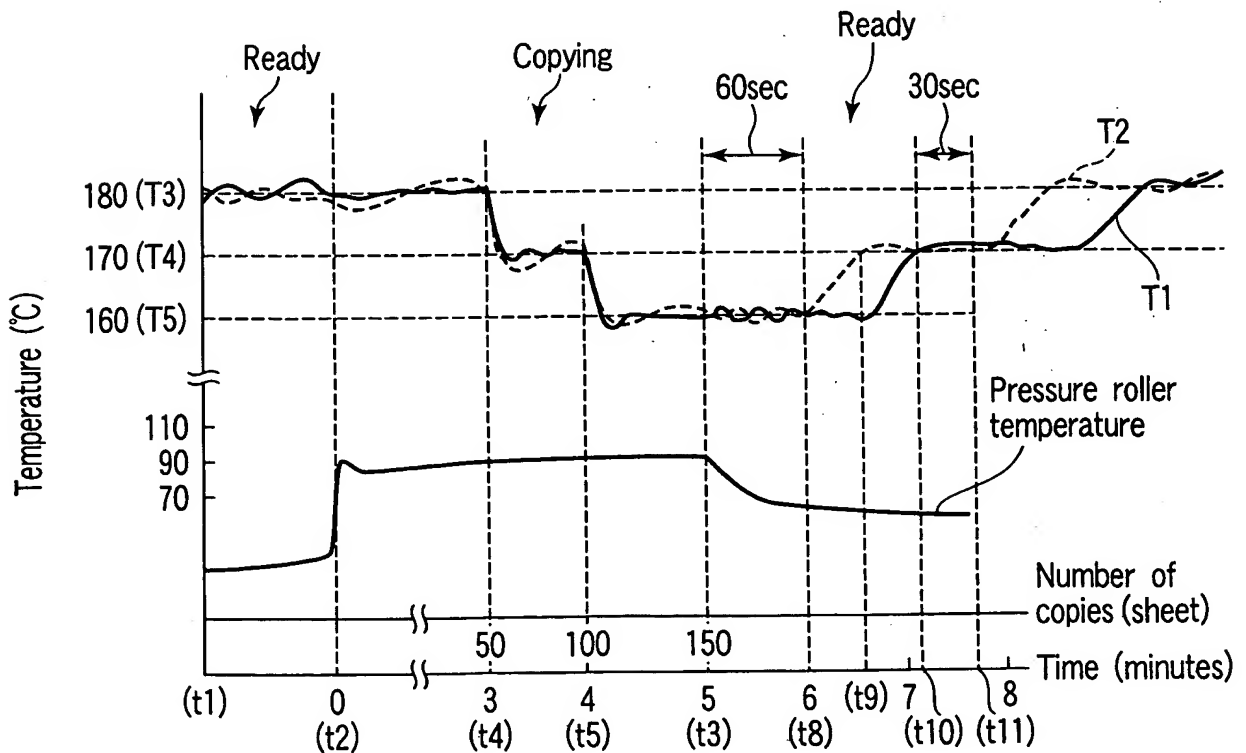


FIG. 5

Type	Drop control mode	Number of copies	Lamp OFF control	Priority	Priority lamp Off timing	Posterior lamp OFF timing
A	X	5 copies or less	X	—	—	—
B	X	6 copies or more	○	Central lamp	0 seconds after the last sheet passes	When copy is stopped
C	First drop control	6 copies or more	○	End lamp	2 seconds before the last sheet passes	0 seconds after the last sheet passes
D	Second drop control	6 copies or more	X	—	—	—

FIG. 7

Type	Drop control mode	Number of copies	Recovery	Control (recovery) timing	Priority
A	X	5 copies or less	Normal control	0 seconds (immediately) after the end	X
B	X	6 copies or more	Normal control	2 seconds after the end	X
C	First drop control	6 copies or more	Normal control	30 seconds after the stop	End lamp
D	Second drop control	6 copies or more	First drop control	60 seconds after the stop	End lamp

FIG. 8

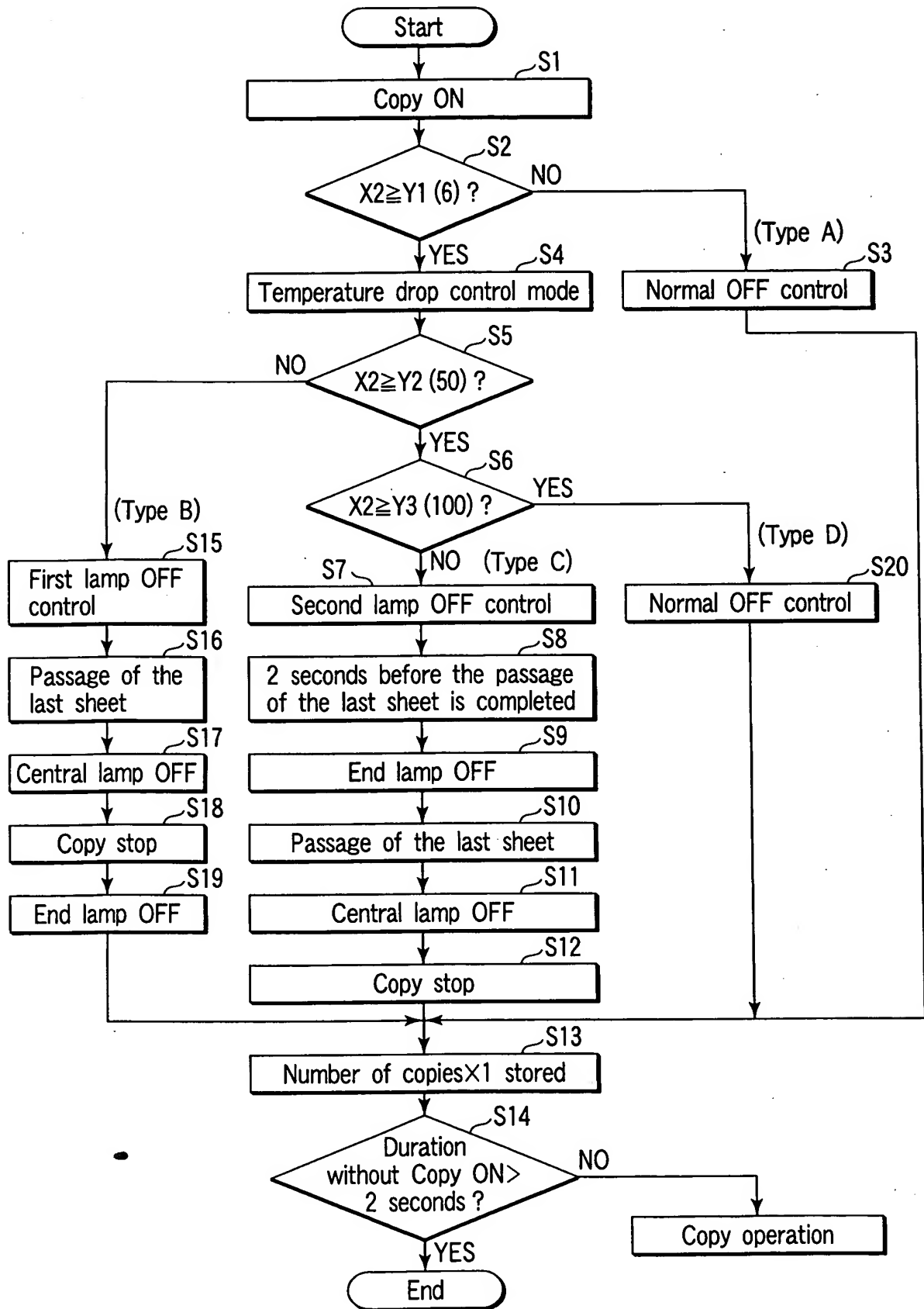


FIG. 9

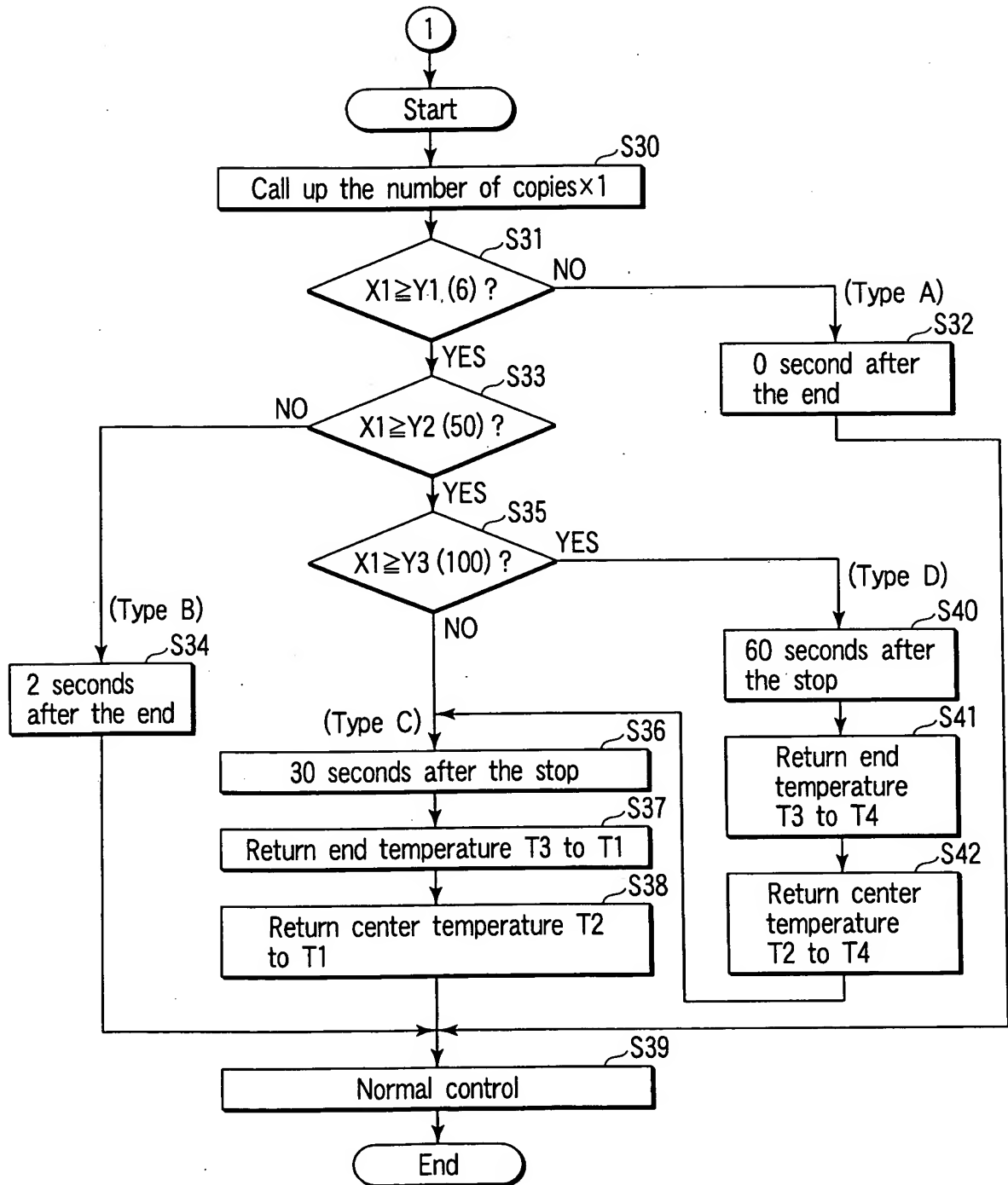


FIG. 10

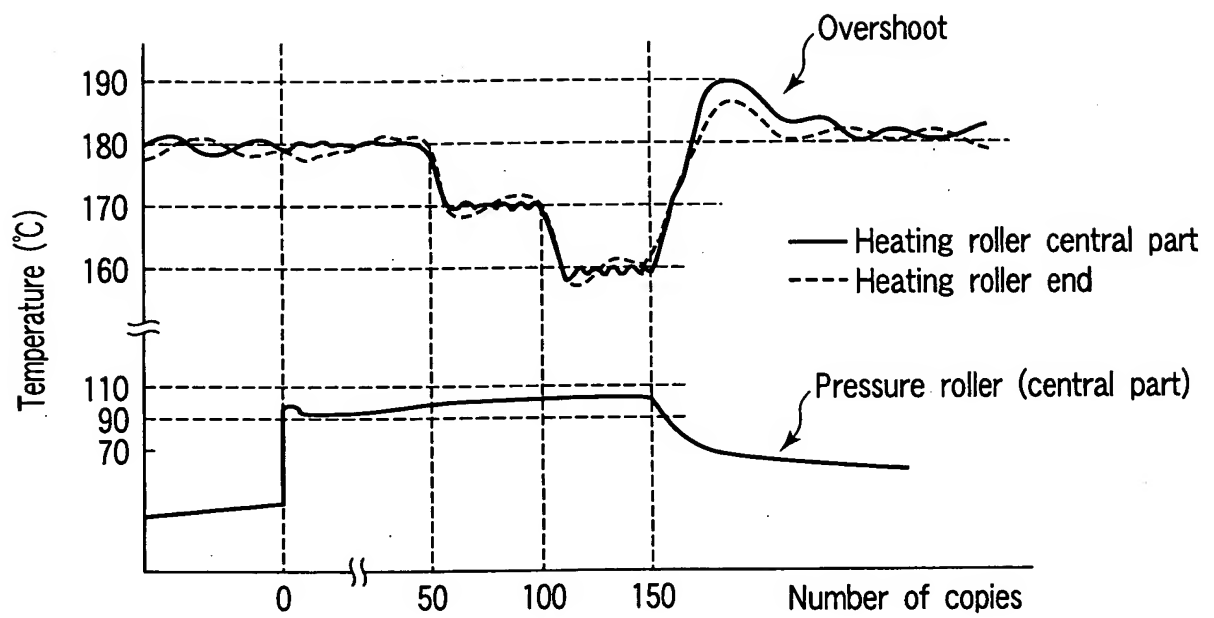


FIG. 11 PRIOR ART